

Energy Efficiency Promotion Act

U.S. Senators Jeff Bingaman, Pete Domenici, Byron Dorgan, Richard Lugar, Larry Craig, Daniel Akaka, Lisa Murkowski, Ken Salazar, John Kerry & Olympia Snowe

The Energy Efficiency Promotion Act will reduce our nation's use of fossil fuels by improving efficiency in vehicles, buildings, home appliances and industrial equipment – saving consumers more than \$12 billion annually. The bill will implement steps that save:

- At least 50 billion kilowatt hours of electricity per year, or enough energy to power 4.8 million U.S. households;
- 17 trillion Btu of natural gas per year, or enough to heat about 750,000 U.S. homes;

Expedites New Energy Efficiency Standards for Appliances

Enacts into law efficiency standards developed by the Department of Energy for residential boilers, dishwashers, clothes washers, refrigerators and dehumidifiers, and electric motors.

Provides the Department of Energy with expedited rulemaking authority and increased flexibility to issue new energy efficiency standards in the future.

Sets Energy Efficiency Goals for Vehicles

Sets aggressive national goals for reducing gasoline usage by 20 percent by 2017; 35 percent by 2025 and 45 percent by 2030.

Authorizes nationwide media campaign to increase energy efficiency.

Promotes Federal Leadership in Energy Efficiency and Renewable Energy

Federal and state fleets of civilian vehicles are required to reduce petroleum consumption by 30 percent by 2016.

Requires the federal government, including the Capitol Complex, to increase its purchases of renewable electricity to 10 percent by 2010 and 15 percent by 2015.

Requires a 30 percent reduction in energy consumption in existing federal buildings by 2015 and requires new and renovated federal buildings to meet standards for reducing fossil fuel consumption, with a goal of eliminating fossil fuel consumption in new buildings by 2030.

Permanently authorizes and makes improvements in the federal Energy Savings Performance Contracting program, an initiative that requires all new federal buildings to be built in the most energy efficient way, and energy savings to be applied to improving the efficiency of existing federal buildings.

Promotes High Efficiency Vehicles, Advanced Batteries and Energy Storage

Authorizes \$60 million for the Department of Energy to research and develop light-weight materials such as advanced carbon composites and light-weight steel alloys for the construction of vehicles.

Amends the Energy Policy Act of 2005 to authorize the Secretary of Energy to issue loan guarantees for facilities for the manufacture of parts for fuel-efficient vehicles.

Authorizes federal awards to manufacturers and suppliers for 30 percent of qualified investment for incremental costs incurred to re-equip, expand or establish a manufacturing facility to produce advanced technology vehicles.

Authorizes an R&D program for electric drive transportation technology, including “plug-in hybrid electric vehicles”.

Authorizes \$500 million over 10 years for basic research for batteries, and \$800 million to transition the basic research to first-of-a-kind batteries the automobile and electric utility industries can use to improve energy storage, and authorizes \$1 billion over ten years for four centers to work with the industries to develop advanced manufacturing technologies for batteries to be globally competitive. Currently, China, Japan and Korea dominate the automobile battery market, giving those countries a distinct advantage in hybrid electric technology.

Promotes Advanced Lighting Technologies

Accelerates the use of efficient lighting in federal buildings by 2010

Authorizes a \$10 million Bright Tomorrow Lighting to replace the 60 watt incandescent light bulb, and a \$5 million award for replacing flood lights. Once the advancements in lighting technology are made, the federal government will require the use of these light bulbs in federal buildings.

Assists State and Local Governments in Energy Efficiency

Reauthorizes the Weatherization Assistance Program at \$750 million, a \$50 million increase over the current authorization.

Authorizes a grant program for energy efficiency and innovative energy technology projects at colleges and universities.

Authorizes a job training program for workers in the energy efficiency and renewable energy industries.

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